

REPORT  
OF  
THE MILITIA COUNCIL  
FOR THE  
DOMINION OF CANADA

FOR THE  
FISCAL YEAR ENDING MARCH 31  
1919

*PRINTED BY ORDER OF PARLIAMENT*



500-11-19  
H.Q. 650-5-19

OTTAWA  
J. DE LABROQUERIE TACHÉ  
PRINTER TO THE KING'S MOST EXCELLENT MAJESTY  
1920

Sess. No. 36—1920]. *Price, 5 cents.*







*To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc.,  
etc., Governor General and Commander in Chief of the Dominion of Canada.*

MAY IT PLEASE YOUR EXCELLENCY:

The undersigned has the honour to present to Your Excellency the report of the Militia Council for the fiscal year ending March 31, 1919.

Respectfully submitted,

S. C. MEWBURN, Major-General,  
*Minister of Militia and Defence.*

DEPARTMENT OF MILITIA AND DEFENCE,  
OTTAWA.

January 7th, 1920.



## CONTENTS.

Active Militia, allowances to.....	10
Active Militia, appointments to (Appendix C).....	22
Allowances, Permanent Force .....	11-15
Allowances, Active Militia.....	10
Appropriation Accounts ....	7-9
Appointments, Permanent Staff and Permanent Force (Appendix C).....	22
Appointments, Active Militia (Appendix C).....	22
Certificates Granted, Officers (Appendix D).....	23
Certificates Granted, N.C.O's.....	24
Dominion Arsenal, Quebec: Report of Superintendent (Appendix F).....	38
Dominion Arsenal, Lindsay: Report of Superintendent (Appendix G).....	43
Expenditure:	
Comparative Statement .....	17-18
Permanent Force, Pay and Allowances .....	11-15
War Appropriation Account, to March 31, 1919.....	19-20
Financial Statements, (Appendix A).....	7-20
N.C.O's Certificates Granted (Appendix D).....	24
Officers' Certificates Granted (Appendix D).....	23
Pay and Allowances, Permanent Force.....	11-15
Permanent Force:—	
Appointments to (Appendix C).....	22
Pay and Allowances .....	11-15
Strength, changes in (Appendix B).....	21
Permanent Staff, Appointments to (Appendix C).....	22
Revenue 1918-19.....	16
Royal Military College:	
Report of Commandant (Appendix E).....	25
Report of Board of Visitors.....	33
Strength, Permanent Force (Appendix B).....	21
War Appropriation Account, Statement of Expenditure to March 31, 1919.....	19-20
Warrants Granted (Appendix C).....	22



ANNUAL REPORT  
OF  
THE MILITIA COUNCIL

Year Ending March 31, 1919.

---

The following statements and reports for the year ending March 31, 1919, are submitted, viz:—

1. Financial Statement for the twelve months ending March 31, 1919, Appendix A.
2. Statement showing changes in the strength of the Permanent Force from April 1, 1918, to March 31, 1919. Appendix B.
3. Statements showing: Number of officers appointed to the Permanent Staff and Permanent Force; number of officers appointed to the Active Militia (non-permanent), and number of warrants issued during year ending March 31, 1919. Appendix C.
4. Statement of Certificates issued during the year 1918-19. Appendix D.
5. Report of the Commandant, Royal Military College, for year 1918-19. Report of the Board of Visitors, Royal Military College, 1919. Appendix E.
6. Reports of the Superintendent of the Dominion Arsenal, Quebec, (Appendix F) for the year 1918-19 and of the Superintendent Dominion Arsenal, Lindsay, (Appendix G) for the year 1918-19.

A. G. LEWIS,  
*Secretary Militia Council.*



10 GEORGE V, A. 1920

**APPENDIX A.**

The following are statements showing:—

1. Appropriation Accounts.
2. Allowances paid to Active Militia in the various Districts.
3. Showing Expenditure by Stations on account of Pay and Allowances of the Permanent Force.
4. Statement of Expenditure on account of Pay and Allowances of Officers and Warrant Officers of the Permanent Force.
5. Statement of Expenditure on account of Pay and Allowances of Officers and Warrant Officers of the Permanent Force with details of expenditure by Stations.
6. Statement of Expenditure on account of Pay and Allowances of N.C.O's and men of the Permanent Force.
7. Statement of Expenditure on account of Pay and Allowances of N.C.O's and men of the Permanent Force with details of expenditure by Stations.
8. Militia and Defence Revenue.
9. Comparative Statement of Expenditure for the ten years 1909-10 to 1918-19.
10. Expenditure on account of War Appropriation to March 31, 1919.



STATEMENT No. 1—Appropriation Accounts, 1918-19.

Name of Grant.	Amount of Grant.	Expenditure.	Grant Unused.	Grant Exceeded.	Remarks.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
Allowances, Active Militia.....	50,000 00	51,282 94		1,282 94	No appropriation.
Annual Drill.....					Supplementary vote of \$15,000 received too late to be used.
Cadet Services.....	90,000 00	68,770 05	21,229 95		No Appropriation.
Clothing and Necessaries.....					Owing to the continuance of the war very little expenditure was incurred under this vote.
Contingencies.....	25,000 00	5,337 80	19,662 20		No Appropriation.
Customs Dues.....					No Appropriation.
Departmental Library.....	1,000 00	1,043 13		43,13	Paid from War Appropriation.
Dominion Arsenals.....					Some Permanent works postponed owing to continuance of the war.
Engineer Services and Works.....	430,000 00	304,144 38	125,855 62		There were practically no bands and no Associations in working order owing to the war.
Grants to Associations and Bands.....	25,000 00	2,548 60	22,451 40		
H. Q. and District Staffs.....	225,000 00	216,847 27	8,152 73		Drill Halls, etc. unused or used for C.E.F. and Maintenance charged to War Appropriation in many cases.
Maintenance Military Properties.....	150,000 00	101,352 39	48,647 61		No Appropriation.
Ordnance Arms, Lands, etc.....					Vacancies in this Force were filled by recruits from the C.E.F. who were paid from War Appropriation.
Permanent Force.....	2,575,000 00	1,947,304 01	627,695 99		
Printing and Stationery.....	70,000 00	61,666 77	8,333 23		
Royal Military College.....	202,000 00	201,885 26	114 74		
Salaries and Wages.....	260,000 00	210,066 29	49,933 71		In many cases where Armouries, etc. were not in use, the full salaries of the Care-takers were not paid.
Schools of Instruction.....					No Appropriation.
Topographical Surveys.....	35,000 00	31,082 23	3,917 77		
Transport and Freight.....	35,000 00	16,697 64	18,302 36		Most of the expenditure for transport was in connection with War Services and charged to War Appropriation.
Training Areas.....	50,000 00	4,642 79	45,357 21		Owing to the continuance of the War most of the expenditure for permanent training areas was held in abeyance.
Warlike Stores.....					No Appropriation.
	4,223,000 00	3,224,671 55	999,654 52	1,326 07	



STATEMENT No. 1.—Appropriation Accounts, 1918-19—Concluded.

Name of Grant.	Amount of Grant.	Expenditure.	Grant Unused.	Grant Exceeded.	Remarks.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	
<i>Special Votes.</i>					
Gratuity to Henry Morris, Chief Caretaker.....	1,130 25				
" Wm. Taylor, " .....	356 85	1,130 25			
" F. X. Belanger, " .....	346 23	356 85			
" J. Mahoney, " .....	529 55	346 23			
" N. Villeneuve, " .....	714 34	529 55			
" R. Martin, Deckhand.....	544 27	714 34			
" W. Gallagher, Captain .....	914 01	544 27			
Gratuity to E. Newbury, Master.....	665 22	914 01			
" J. Bulger, Asst. Engineer...	799 84	665 22			
" J. Linloff, Pilot ... ..	914 25	799 84			
" R. Bissonette, Asst. Caretaker.....	1,031 77	914 25			
" C. Dugal, Caretaker .....	493 06	1,031 77			
" E. Pengelly, " .....	286 80	493 06			
" M. Chabot, " .....	354 20	286 80			
Life Pension to Robert Allen .....	120 12	354 20			
" Ronald Morrison.....	330 00	120 12			
" Walter Pettipas.....	515 90	330 00			
Miscellaneous Vote 419—Provisional Allowances .....	180,324 75	515 90			
		180,324 75			
War Appropriation .....	190,371 41				
		190,371 41			
		377,120,137 56			
<i>Pay by Statute.</i>					
Chief of the General Staff. ....					
Inspector General.....					
Adjutant General.....					
Quartermaster General .....					
Master General of the Ordnance.....					
Militia Revenue.....		18,009 72			
Casual Revenue.....					
Consolidated Revenue—Workmen's Compensation Act .....		9,702 15			
" Civil Service Act. ....		49 71			
		1,147 65			
		1,001 66			



Properties Sold.

	Balance of pro- ceeds of sale brought for- ward from 1917-18.	Expenditure 1918-19.	Balance of pro- ceeds of sale to be carried for- ward to 1919- 20.
Barracks, Toronto .....	144 15	Nil.	144 15
St. Helen's Island, Montreal .....	19,783 10	Nil.	19,783 10
Fort Osborne Barracks Site, Winnipeg .....	62,947 27	Nil.	62,947 27
	<u>82,874 52</u>		<u>82,874 52</u>



STATEMENT No. 2—Statement of Allowances paid to the Active Militia in the various Districts during the financial year, 1918-19.

RECAPITULATION.

District.	Command Pay and Drill Instruction.	Care of Arms.	Postage.	Efficiency Grants C.O.T.C.	Refund for Stores charged as deficient or Returned.	Gross Amount.	Less Deductions and Deficiencies.	Net Expenditure.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Military District No, 1.....	4,368 72	1,136 23	779 40	.....	7,412 71	13,697 06	8,428 87	5,268 19
" 2.....	7,297 90	4,857 50	928 25	.....	10,609 43	23,693 08	9,959 85	13,733 23
" 3.....	1,502 70	100 00	83 00	.....	34 00	1,719 70	210 11	1,509 59
" 4.....	7,699 85	2,535 89	855 38	.....	5,556 40	16,767 22	7,559 93	9,207 29
" 5.....	1,685 20	1,725 00	296 00	119 70	13 54	3,719 74	558 72	3,161 02
" 6.....	968 20	90 00	82 00	.....	.....	1,140 20	145 41	994 79
" 7.....	2,711 20	.....	355 50	235 00	.....	3,301 70	61 50	3,240 20
" 10.....	3,002 30	620 00	359 50	.....	31 63	4,013 43	723 20	3,290 23
" 11.....	940 40	109 00	6 00	.....	.....	1,046 40	479 02	567 38
" 12.....	8,026 41	2,840 00	952 00	.....	1,999 80	13,818 21	3,631 20	10,187 01
" 13.....	27 00	40 00	5 00	.....	.....	72 00	24 19	47 81
Total.....	38,229 88	14,044 62	4,702 03	354 70	25,657 51	82,988 74	31,782 00	51,206 74



## SESSIONAL PAPER No. 36

## STATEMENT No. 3.—Showing Expenditure by Stations on account of Pay and Allowances of the Permanent Force for the Year 1918-19.

Stations.	Strength, all ranks, March 31, 1918.	Strength, all ranks, March 31, 1919.	Pay and Allowances, Officers and Warrant Officers.	Pay and Allowances N.C.O's and Men.	Total Pay and Allowances.
			\$ cts.	\$ cts.	\$ cts.
London .....	63	50	16,522 23	39,576 21	56,098 44
Toronto .....	158	132	40,163 71	108,641 34	148,805 05
Kingston .....	137	124	37,116 37	70,939 39	108,055 76
Ottawa .....	434	428	66,960 73	265,506 48	332,467 21
Montreal .....	61	72	25,787 06	50,415 64	76,202 70
Quebec .....	259	227	52,972 54	121,716 26	174,688 80
Halifax .....	717	516	97,206 26	417,203 02	514,409 28
St. John, N.B. ....	36	32	10,097 88	25,879 34	35,977 22
Winnipeg .....	145	57	14,139 34	45,821 46	59,960 80
Victoria .....	271	121	34,109 04	137,719 55	171,828 59
Regina .....	57	25	12,177 20	40,554 22	52,731 42
Calgary .....	47	55	12,232 57	63,641 77	75,874 34
Abroad .....	6	.....	2,231 44	2,313 98	4,545 42
Miscellaneous .....	.....	.....	.....	17,477 10	17,477 10
Totals .....	2,391	1,839	421,716 37	1,407,405 76	1,829,122 13



STATEMENT No. 4.—Statement of Expenditure on account of Pay and Allowances of Officers and Warrant Officers of the Permanent Force, for the year ending March 31, 1919. Details of expenditure by Corps.

Corps.	Pay — Ordinary.	Pay — Abroad.	Lodgings.	Rations.	Fuel.	Light.	Servant.	Sub- sistence.	Other.	Abroad.	Total Allow- ances.	Total Pay and Allow- ances.	Credits to Public and Refunds.	Net Expendi- ture.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
L. S. H.....	665 00		182 23	107 00	81 62	14 56			168 56		553 97	1,218 97		1,218 97
R. C. D.....	7,386 17		830 70	692 25	253 91	72 44		434 10	178 50		2,461 90	9,848 07	977 33	8,870 74
R. C. H. A....	14,615 07		2,255 20	1,438 25	625 19	181 77	130 80	2,509 70	35 00		7,175 91	21,790 98	2,595 34	19,195 64
R. C. G. A....	45,343 07		5,758 57	5,155 95	1,316 85	450 36	265 90	4,406 80	1,246 24		18,600 67	63,943 74	12,102 26	51,841 48
R. C. E.....	56,008 26		6,649 73	5,165 11	2,082 01	514 28	1,214 02	10,322 50	932 35		26,880 00	82,888 26	24,964 48	57,923 78
R. C. R.....	14,953 16		1,711 76	1,069 37	481 73	142 92	76 16	3,185 25	505 85		7,173 04	22,126 20	7,000 50	15,125 70
C. P. A. S. C.	29,695 20		4,908 35	2,708 09	1,290 43	413 19	1,126 01	4,668 50	464 05		15,578 62	45,273 82	7,021 27	38,252 55
P. A. M. C....	13,216 19		1,551 93	989 17	506 47	125 77	144 42	1,797 06	918 69		6,033 51	19,249 70	4,249 92	14,999 78
C. P. A. V. C.	3,753 94		611 85	275 04	190 14	48 23	94 00	633 66	395 11		2,248 03	6,001 97	2,159 19	3,842 78
C. O. C.....	78,876 88	229 58	12,921 95	8,180 12	4,014 83	1,071 81	2,806 59	6,433 82	4,648 77	206 50	40,284 39	119,390 85	14,473 05	104,917 80
C. A. P. C....	29,885 06	799 32	5,951 04	3,001 63	1,539 17	457 44	1,093 50	2,880 40	1,624 64		16,547 82	47,232 20	6,375 96	40,856 24
C. M. S. C....	27,342 76		4,406 24	3,113 36	1,382 51	382 05	479 15	4,509 66	1,114 31		15,387 28	42,730 04	9,935 43	32,794 61
Inst. Cadre...	18,261 81		3,292 87	2,411 55	1,047 92	290 52	185 22	2,725 50	223 24		10,176 82	28,438 63	7,802 10	20,636 53
C. S. of M....	7,175 82		1,187 62	971 30	337 47	99 30	348 15	836 40	89 21		3,869 45	11,045 27	1,955 33	9,089 94
Miscellaneous.	739 39	996 04	158 64	121 60	46 72	13 28	60 80		13 36		414 40	2,149 83		2,149 83
Totals...	347,917 78	2,024 94	52,378 68	35,399 79	15,196 97	4,277 92	8,024 72	45,343 35	12,557 88	206 50	173,385 81	523,328 53	101,612 16	421,716 37



STATEMENT No. 5. Statement of Expenditures on account of Pay and Allowances of Officers and Warrant Officers of the Permanent Force for the year ending March 31, 1919. Details of expenditures at each station.

Stations.	Pay Ordinary.	Pay Abroad.	Lodgings.	Rations.	Fuel.	Allowances.		Subsistence.	Other.	Abroad.	Total Allces.	Total P. & A.	Credits to Public and refunds.	Net expendi- ture.
						Light.	Servant.							
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
London .....	13,819 47	.....	1,738 95	1,286 25	499 84	150 55	232 50	2,571 44	385 48	.....	6,865 01	20,684 48	4,162 25	16,522 23
Toronto .....	35,228 36	.....	5,397 10	3,536 69	1,461 58	432 27	834 00	3,945 46	723 25	.....	16,330 35	51,608 71	11,445 00	40,163 71
Kingston .....	28,767 32	.....	4,486 25	2,730 25	1,219 55	365 05	580 58	6,923 56	574 72	.....	16,879 96	45,647 28	8,530 91	37,116 37
Ottawa .....	53,405 16	.....	8,074 47	5,359 03	2,340 99	683 34	1,370 67	4,595 50	3,032 71	.....	25,456 71	78,861 87	11,901 14	66,960 73
Montreal .....	23,274 09	.....	4,112 78	2,250 04	1,138 20	333 39	576 69	2,789 10	848 35	.....	12,048 55	35,322 64	9,535 58	25,787 06
Quebec .....	43,134 08	.....	6,506 05	5,294 25	1,560 43	546 08	974 33	4,083 80	1,246 19	.....	20,211 13	63,345 21	10,372 67	52,972 54
Halifax .....	85,444 93	.....	11,139 86	7,733 88	3,064 26	874 55	1,547 54	11,737 35	2,262 44	.....	38,359 88	123,844 81	26,638 55	97,206 26
St. John .....	9,154 69	.....	1,073 60	640 90	315 67	91 43	228 06	1,641 70	775 35	.....	4,766 71	13,921 40	3,823 52	10,097 88
Winnipeg .....	11,900 36	.....	2,110 28	1,387 50	1,061 30	180 87	309 25	1,471 66	665 14	.....	7,186 00	19,086 36	4,947 02	14,139 34
Victoria .....	27,430 99	.....	4,193 70	2,830 00	934 98	331 55	655 85	4,315 80	1,525 51	.....	14,787 39	42,218 38	8,109 34	34,109 04
Regina .....	7,775 42	.....	1,688 29	1,127 50	749 48	139 20	327 50	481 10	168 67	.....	4,681 74	12,457 16	279 96	12,177 20
Calgary .....	8,542 91	.....	1,857 35	1,223 50	850 69	149 64	337 75	786 88	350 07	.....	5,555 88	14,098 79	1,866 22	12,232 57
England } Australia } India .... }	.....	2,024 94	.....	.....	.....	.....	.....	.....	.....	206 50	206 50	2,231 44	.....	2,231 44
Totals ..	347,917 78	2,024 94	52,378 68	35,399 79	15,196 97	4,277 92	8,024 72	45,343 35	12,557 88	206 50	173,385 81	523,328 53	101,612 16	421,716 37



STATEMENT No. 6—Statement of Expenditure on account of Pay and Allowances of Non-Commissioned Officers and men of the Permanent Force for the Year ending March 31, 1919. Details of Expenditure by Corps.

Corps.	Pay.					Total Pay.	Total Allowances.		Deduct Charges Credited to Public.	Net Expenditures.
	Regimental Pay.	Deferred Pay.	Proficiency Artillery Engineers and Corps Pay.	Extra Duty Pay.	Other Credits.		\$	cts.		
	\$	\$	\$	\$	\$	\$	\$	cts.	\$	cts.
Royal Canadian Dragoons . . . . .	11,969 46	466 64	216 60	128 40	1,627 51	14,408 61	8,840 74	23,249 35	747 02	22,502 33
Royal Canadian Dragoons, Inst. Cadre . . . . .	1,390 85	..	48 80	..	270 06	1,709 71	874 76	2,584 47	60 17	2,524 30
Lord Strathcona's Horse (R.C.) . . . . .	10,827 14	39 80	172 50	271 20	626 26	11,936 90	12,484 74	24,421 64	967 82	23,453 82
Royal Canadian Horse Artillery . . . . .	14,738 74	782 74	305 65	304 80	2,910 74	19,042 67	15,369 10	34,411 77	725 69	33,686 08
Royal Canadian Garrison Artillery . . . . .	72,934 59	5,374 88	6,263 90	3,643 95	4,768 27	92,985 59	61,637 76	154,623 35	2,082 72	152,540 63
Royal Canadian Engineers . . . . .	111,839 44	4,361 11	41,981 65	1,333 60	4,784 31	164,303 11	91,783 81	256,086 92	4,336 13	251,750 79
Royal Canadian Regiment . . . . .	39,403 48	12,804 36	1,140 65	1,515 40	1,397 96	56,261 85	34,012 82	90,274 67	2,508 71	87,765 96
Royal Canadian Regiment Inst. Cadre . . . . .	18,074 60	..	797 40	285 45	811 22	19,968 67	11,739 12	31,707 79	312 31	31,395 48
Canadian Permanent Army Service Corps . . . . .	86,570 65	905 60	15,702 85	2,781 35	4,315 21	110,275 66	71,600 17	181,875 83	5,850 61	176,025 22
Permanent Army Medical Corps . . . . .	8,238 47	470 87	1,661 70	230 35	831 76	11,433 15	8,533 28	19,966 43	282 85	19,683 58
Canadian Permanent Army Veterinary Corps . . . . .	2,013 90	..	267 80	15 25	252 00	2,548 95	1,480 10	4,029 05	870 05	3,159 00
Canadian Ordnance Corps . . . . .	152,008 10	3,027 61	20,767 35	3,789 20	5,025 90	188,618 16	170,934 41	359,552 57	2,924 54	356,628 03
Corps of Military Staff Clerks . . . . .	67,493 53	..	..	1,866 95	5,063 75	74,424 23	61,394 34	135,818 57	1,852 29	133,966 28
Corps of Military Staff Clerks (Sect. B) . . . . .	20,798 60	10,02	..	1,317 25	1,468 80	23,624 67	23,492 68	47,117 35	788 72	46,328 63
Canadian Army Pay Corps . . . . .	22,355 93	10,52	2,539 15	280 55	1,018 29	26,204 44	17,949 80	44,154 24	460 74	43,693 50
Musketry Staff . . . . .	1,043 25	..	21 30	..	..	1,064 55	1,146 50	2,511 05	..	2,511 05
(1) Contributions Pension Fund N.C.Os. and Men on Loan . . . . .	499 10	..	..	..	..	499 10	..	499 10	..	499 10
High Commissioner . . . . .	2,313 98	..	..	..	..	2,313 98	..	2,313 98	..	2,313 98
(2) Miscellaneous . . . . .	16,978 00	..	..	..	..	16,978 00	..	16,978 00	..	16,978 00
Totals . . . . .	661,491 81	28,257 15	91,887 30	17,793 70	39,172 04	838,602 00	593,574 13	1,432,176 13	24,770 37	1,407,405 76

(1) Contributions by the Dominion Government towards Pension Fund of N.C.Os. and Men of the Regular Army on Loan in Canada.  
(2) Extra Duty Pay of the Militia Working Parties, and of Departmental Corps at the various Stations.



STATEMENT No. 7.—Statement of Expenditure on account of Pay and Allowances of N.C.O's and Men of the Permanent Force for the Year ending March 31, 1919. Details of Expenditure at each Station.

Stations.	Total Pay.	Allowances										Total Pay and Allowances.	Less Charges credited to Public.	Net Pay Expenditure and Allowances.
		Lodging.	Rations.	Fuel.	Light.	Medical and Others.	Subsistence.	Special Western.	Clothing.					
									\$	cts.	\$			
London.....	\$ 21,178 70	\$ 5,277 85	\$ 6,734 50	\$ 2,173 26	\$ 645 07	\$ 2,333 39	\$ 1,042 40	\$	cts.	\$ 19,311 92	\$ 40,490 62	\$ 914 41	\$ 39,576 21	
Toronto.....	62,516 69	11,596 70	13,864 50	4,711 26	1,456 07	4,886 23	6,975 60			47,182 20	109,698 89	1,057 55	108,641 34	
Kingston.....	38,792 81	7,207 50	9,037 50	2,895 76	887 04	3,671 60	4,258 40			33,237 03	72,029 84	1,090 45	70,939 39	
Ottawa.....	140,186 78	36,765 80	46,442 00	16,032 84	4,658 46	16,881 13	2,371 30			127,875 95	268,062 73	2,556 25	265,506 48	
Montreal.....	33,315 61	4,545 90	5,196 50	1,781 69	561 28	2,461 07	4,009 60			18,735 89	52,051 50	1,635 86	50,415 64	
Quebec.....	71,018 59	13,521 95	17,595 00	4,718 21	1,683 49	6,085 72	4,339 20			52,715 07	123,733 66	2,017 40	121,716 26	
Halifax.....	278,135 82	33,802 40	39,355 00	13,490 16	4,120 89	22,211 91	19,368 30			150,550 08	428,685 90	11,482 88	417,203 02	
St. John.....	14,148 65	2,617 60	2,827 00	1,088 73	316 01	1,220 99	3,199 60	62 00		12,070 57	26,219 22	339 88	25,879 34	
Winnipeg.....	24,134 38	5,144 00	5,545 50	3,324 55	625 10	1,991 28	3,356 00			21,975 32	46,109 70	288 24	45,821 46	
Victoria.....	76,423 13	15,083 25	21,694 00	4,674 73	1,779 31	8,250 50	5,580 40			63,319 14	139,742 27	2,022 72	137,719 55	
Regina.....	21,735 25	3,103 70	3,717 00	1,976 26	377 51	1,266 13	7,518 00			19,006 04	40,741 29	187 07	40,554 22	
Calgary.....	37,224 51	6,250 60	7,420 00	4,032 32	702 36	3,664 30	4,201 70	187 12		27,594 92	64,819 43	1,177 66	63,641 77	
(1) Contributions Pension Fund														
N.C.O's and Men on Loan.....	499 10										499 10		499 10	
High Commissioner	2,313 98										2,313 98		2,313 98	
(2) Miscellaneous..	16,978 00										16,978 00		16,978 00	
	838,602 00	144,917 25	179,428 50	60,899 77	17,612 59	74,924 25	66,220 50	249 12	49,122 15	593,574 13	1,432,176 13	24,770 37	1,407,405 76	

(1) Contributions by the Dominion Government towards Pension Fund of N.C.O's and Men of the Regular Army on Loan in Canada.  
(2) Extra Duty Pay of the Militia Working Parties and of Departmental Corps at the various stations.



STATEMENT No. 8.—Revenue, 1918-19.

Militia Revenue—		
Sale of ammunition and stores.. . . .	\$ 2,075 58	
Rents of military properties.. . . .	15,841 84	
Sales of books.. . . .	2,423 14	
Cast horses.. . . .	11,379 00	
Barrack damages.. . . .	594 82	
Miscellaneous revenue.. . . .	3,640 46	
		\$ 35,954 84
Royal Military College.. . . .		54,428 13
Casual revenue.. . . .		3,794 82
Militia pensions.. . . .		23,840 96
		\$118,018 75
Premiums, discount and exchange.. . . .		6,969 47
Fines and forfeitures.. . . .		1,975 00
		\$126,963 22



STATEMENT No. 9—Comparative Statement of Expenditure for the Ten Years 1909-10 to 1918-19.

	1909-10.	1910-11.	1911-12.	1912-13	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Allowances for Drill Instruction, Care of Arms and Postage..	66,565	104,446	83,867	85,474	101,904	66,513	68,643	45,573	70,794	51,283
Annual Drill .....	796,608	1,089,694	1,169,068	1,719,257	1,830,934	1,875,944	..	..	..	..
Cadet Corps. ....	..	..	35,947	93,723	392,207	327,679	84,972	80,311	90,771	68,770
Clothing and Necessaries.....	374,670	373,560	475,175	508,788	699,572	510,810	..	39,191	..	..
Contingencies, including Guards of Honour, Escorts and Salutes .....	30,364	34,979	39,920	47,674	49,957	36,557	31,670	23,214	16,344	5,338
Customs Dues .....	36,696	180,580	143,069	38,424	47,630	115,791	26,004	6,780	2,212	..
Departmental Library.....	938	755	975	1,010	1,055	1,113	985	641	615	1,043
Dominion Arsenal.....	259,524	280,034	236,790	325,863	358,315	265,262	299,678	29,924	..	..
Engineer Services.....	274,807	353,966	487,222	791,895	1,452,729	1,111,196	690,755	395,895	364,529	304,144
Grants towards construction of City Regimental Armouries .....	..	65,000	..	12,000	..	..	..	..	..	..
Grants to Artillery and Rifle Associations and to Regimental Bands.....	53,187	54,985	56,276	64,315	79,506	73,605	47,878	7,981	10,258	2,549
Gratuities and Compassionate Allowances .....	2,375	3,970	2,551	2,170	4,300	15,190	500	..	..	1,002
Maintenance of Military Properties.....	74,067	79,961	80,937	88,925	107,214	209,231	175,053	164,166	173,344	101,352
Pay of Inspector General and Military Members of Militia Council (Statutory).....	21,600	21,600	21,600	21,600	21,600	15,161	18,450	18,290	18,159	18,010
Pay of Headquarters Staff .....	52,717	59,589	66,178	78,617	74,002	72,050	74,956	84,766	93,998	103,154
Pay of Division and District Staffs.....	84,719	76,430	99,300	115,844	123,772	107,410	109,241	123,536	112,397	113,693
Permanent Force—Pay, Provisions and Supplies .....	1,758,005	1,845,386	1,946,636	2,200,183	2,198,453	2,114,493	2,116,245	2,396,183	2,297,228	1,947,304
Printing and Stationery.....	39,999	60,003	53,489	59,828	72,209	69,880	70,000	70,000	69,871	61,667
Royal Military College.....	95,934	127,036	134,949	131,241	149,039	153,987	135,685	147,576	162,293	201,885
Salaries and Wages of Civil Employees .....	79,822	153,018	155,645	160,700	197,823	243,936	232,797	205,801	232,913	210,066
Schools of Instruction, Pay of Active Militia attending.....	50,967	80,007	70,041	77,765	97,847	164,669	178,898	81,384	7,899	..
Topographical Survey .....	23,140	26,260	24,714	35,055	39,059	35,038	25,440	31,274	31,406	31,082
Transport and Freight.....	101,634	124,281	138,230	175,034	199,247	208,774	60,567	43,923	41,306	16,698
Warlike Stores.....	342,406	334,548	531,332	683,080	703,375	496,867	..	15,753	..	..
Coronation Contingents.....	..	..	134,835	..	..	..	..	..	..	..
Training Areas.....	..	..	..	..	..	..	..	..	..	..
Miscellaneous Small Votes.....	600	6,318	21,047	17,202	6,508	..	233,085	224,623	68,838	4,643
Expenditure under the six following sub-heads was charged to Capital Account up to 1909-10 inclusive, and to Revenue since then:—	..	..	..	..	..	..	..	..	..	..
Ordnance, Ammunition, Tents, Wagons, and Equipment generally excepting Clothing, Saddlery and Harness .....	323,281	370,469	649,276	572,486	967,804	593,167	4,084	57,504	6,058	9,752
Saddlery and Harness.....	47,427	103,753	6,713	942	103,732	146,066	..	..	..	..



STATEMENT No. 9.—Comparative Statement of Expenditure for the Ten Years 1909–10 to 1918–19.—Concluded.

	1909 10.	1910-11.	1911-12.	1912 13.	1913-14.	1914-15.	1915-16.	1916-17.	1917 18.	1918-19.
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Consolidated Revenue, Workmen's Compensation Act.	204,770	150,220	110,468	100,000	217,419	219,077				1,148
Clothing—Reserve stock and outfitting new suits.....										
Ross Rifles, spare parts, bayonets, scabbards, arm chests and inspection.....	561,123	585,190	419,937	552,073	640,613	478,543				
Dominion Arsenal, for reserve ammunition.....										
Lands and construction of new Rifle Ranges .....	63,369	162,773	183,703	341,208	51,237	29,216				
Total Ordnance, Equipment, Lands, etc.....	1,299,970	1,372,405	1,370,097	1,566,709	1,980,805	1,466,069				
Total Militia Expenditure.....	5,921,314	6,909,211	7,579,884	9,112,376	10,998,162	9,991,817	4,681,502	4,301,785	3,887,838	3,444,954
War Expenditure.....										
Aid to Civil Power (Statutory and recoverable from Municipalities).....	58,613	13,678	716	78	187,857	68,800				
Toronto Barracks, Special Account.....		63,026	2,012	118,889	45	87,768	25			
Winnipeg Barracks, Special Account.....		123,000		137,053						
Point St. Charles Armoury .....		17,500								
Montreal Barracks site.....				180,000		217				
Transferred from Public Works Department.....				940	221,849	19,722				
Civil Government Salaries.....	126,726	130,732	137,251	146,718	157,137	168,545	172,534	173,798	183,448	189,578
Civil Government, Contingencies .....	13,500	10,086	11,962	22,029	27,997	20,216	28,351	19,488	3,199	18,255
Total, Civil Government.....	140,226	140,818	149,214	168,747	185,134	188,761	200,885	193,286	186,647	207,833
Revenue Received—										
Militia.....	31,783	44,259	59,829	51,359	36,641	64,831	192,300	90,164	18,228	35,955
Casual.....	2,742	1,390	1,806	2,691	1,790	1,625	41,318	11,949	2,072	3,795
Royal Military College .....	29,154	31,650	34,286	36,785	36,817	32,047	35,142	41,646	39,177	54,428
Pension Act, 1901.....	21,742	23,347	25,209	28,393	30,714	27,282	23,513	25,495	26,877	23,841
Total Revenue.....	85,421	100,646	121,130	119,228	105,962	125,785	292,273	169,254	86,354	118,019



STATEMENT No. 10.  
WAR APPROPRIATION—Statement of expenditure in Canada and Overseas for the year ended March 31, 1919.

36—21  
2

Particulars.	Expenditure in Canada Debits.	Credits.	Expenditure Overseas. Debits.	TOTAL	
				Debits.	Credit.
	\$	\$	\$	\$	\$
Clothing (except boots).....	7,700,555 04			7,700,555 04	
Boots and repairs to boots.....	3,359,946 05		256,638 19	3,616,584 24	
Necessaries (kit bags and articles of kit) ..	610,697 36		929,316 42	1,540,013 78	
Accoutrements ..	104,536 39			104,536 39	
Binoculars, telescopes, prismatic compasses, etc.....	1,293 72			1,293 72	
Saddlery and horse equipment.....	78,554 16			78,554 16	
Motor trucks, Ambulances and other vehicles.....	1,213,497 34			1,213,497 34	
Ross Rifle Co.—Expropriation ..		394,885 10			394,885 10
Dominion Rifle Factory.....	82,531 91			82,531 91	
Machine Guns and spare parts.....		304,912 49			304,912 49
Stores (furniture, bedding, utensils, etc.) ..	5,527,147 03		3,475,996 83	9,003,143 86	
Totals.....	18,678,759 00	699,797 59	4,661,951 44	23,340,710 44	699,797 59
Net expenditure ..	17,978,961 41		4,661,951 44	22,640,912 85	
Dominion Arsenal ..	810,091 13			810,091 13	
Lindsay Arsenal—Supplies ..	659,977 05			659,977 05	
Dominion Cartridge Co.—Ammunition.....		383,773 37			383,773 37
Ammunition from other sources.....		337,579 53	2,770,670 23	2,433,090 70	
Totals.....	1,470,068 18	721,352 90	2,770,670 23	3,903,158 88	383,773 37
Net expenditure for ammunition and material ..	748,715 28		2,770,670 23	3,519,385 51	
Lindsay Arsenal—Construction.....	2,346 66			2,346 66	
Borden Camp—Land.....		1,600 00			1,600 00
Totals ..	2,346 66	1,600 00		2,346 66	1,600 00
Net expenditure for buildings.....	746 66			746 66	
Pay and Allowances (includes subsistence, rations and assigned pay).....	111,380,996 64		105,588,291 27	216,969,287 91	
Maintenance of troops in France.....			68,133,333 33	68,133,333 33	
Separation Allowances ..	22,977,070 05		9,497,120 83	32,474,190 88	
War Service Gratuities.....	9,427,166 27		85,374 39	9,512,540 66	
Outfit Allowances.....	290,448 45		1,789,396 70	2,079,845 15	



STATEMENT No. 10.

WAR APPROPRIATION—Statement of expenditure in Canada and Overseas for the year ended March 31, 1919—Concluded.

Particulars.	Expended in Canada. Debits.	Credits.	Expended Overseas. Debits.	Totals	
				Debits.	Credits.
	\$	\$	\$	\$	\$
Engineer Services and Works. ....	1,166,896 26		535,832 75	1,702,729 01	14,230 34
Purchase of remounts, expenses of purchasers, etc. ....		15,390 18	1,159 84		
Drugs and Surgical Instruments. ....	468,139 35		288,278 26	756,417 61	
Travelling and Transport (Ocean). ....	1,680,809 55			1,680,809 55	
Travelling and Transport (Land). ....	4,905,862 23			7,054,917 31	
Forage and Stabling. ....	623,044 38		2,119,685 08	623,044 38	
Pay, etc. of Censors. ....	92,118 65			92,118 65	
Pay of Civil employees. ....	4,229,631 10		730,716 25	4,960,347 35	
Rent, Water, Fuel and Light. ....	1,546,459 36		862,930 94	2,409,390 30	
Funeral Expenses. ....	77,794 16			77,794 16	
Recruiting (Medical Examination, attestation and ad- vertising). ....	1,926 20			1,926 20	
Telegrams, telephones (including rental) Cablegrams and Postage. ....	473,333 76		199,623 39	672,957 15	
Printing and Stationery. ....	826,341 39		39,930 93	866,272 32	
Custom dues. ....	121,938 59			121,938 59	
British Recruiting Mission, U.S.A. ....	1,432,673 73			1,432,673 73	
British and Foreign Governments. ....		948,854 24			948,854 24
Conservancy and Contingencies. ....	211,758 91		87,853 97	299,612 88	
Totals. ....	161,934,409 03		189,988,957 93	351,922,177 12	963,084 58
Net expenditure for miscellaneous payments. ....	160,970,164 61	964,244 42	189,988,927 93	350,959,092 54	
Total for year. ....	179,698,587 96		197,421,549 60	377,120,137 56	
Expended prior to 1st April, 1918. ....	466,343,986 77		362,226,858 82	828,570,845 59	
Total. ....	646,042,574 73		559,648,408 42	1,205,690,983 15	



APPENDIX B

The following table shows the changes in the strength of the Permanent Force from April 1, 1918, to March 31, 1919.

Corps.	INCREASES DURING YEAR.		DECREASES DURING THE YEAR.										OFFICERS, WARRANT OFFICERS, N.C.O's AND MEN, EFFECTIVE MARCH 31, 1919.			Remarks.				
	INCREASES DURING YEAR.			DECREASES DURING THE YEAR.										OFFICERS, WARRANT OFFICERS, N.C.O's AND MEN, EFFECTIVE MARCH 31, 1919.						
	Officers and Warrant Officers, effective April 1, 1918.	N.C.O's and Men effective April 1, 1918.	Transfers from others corps.	Enlisted.	Re-enlisted.	Rejoined from desertion.	By purchase.	Time expired.	Unsuitable.	Misconduct.	Medically unfit.	Other causes.	Deserted.	Deceased.	Transfer to other Corps.		Promotion to Warrant Rank.	Officers.	Warrant Officers.	N.C.O's and men
Royal Canadian Dragoons.....	9	29	9	2	3	..	..	..	..	..	4	1	..	..	6	..	5	3	33	All Permanent Corps Units in Canada were placed on a C.E. F. basis from June 22, 1918.
Royal Canadian Dragoons Ins. Cadre.....	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2	
Lord Strathcona's Horse (R.C.).....	7	220	..	5	..	..	..	..	..	..	2	2	..	1	..	..	6	1	220	
Lord Strathcona's Horse (R.C.) Ins. Cadre.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Royal Canadian Horse Artillery.....	11	47	4	..	..	..	9	..	..	..	1	..	..	..	..	1	7	6	38	
Royal Canadian Garrison Artillery.....	15	111	57	30	..	..	..	..	..	..	12	50	..	2	34	..	11	4	100	
Royal Canadian Engineers.....	31	389	13	106	..	5	..	10	7	..	28	73	17	3	21	..	20	18	343	
Royal Canadian Regiment.....	13	172	7	90	..	1	..	4	..	..	83	85	2	..	20	..	12	3	76	
Royal Canadian Regiment Ins. Cadre.....	17	39	..	1	..	..	..	..	..	..	2	2	1	..	2	3	17	7	29	
Canadian Permanent Army Service Corps.....	24	180	2	8	..	1	..	..	..	..	1	2	1	1	3	..	16	4	184	
Permanent Army Medical Corps.....	9	63	..	..	..	..	1	..	..	..	2	9	..	..	1	..	5	2	50	
Canadian Permanent Army Veterinary Corps.....	6	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2	3	
Canadian Ordnance Corps.....	58	430	..	..	..	..	..	..	..	..	..	..	..	..	..	..	38	37	773	
Canadian Army Pay Corps.....	25	41	8	..	..	..	..	..	..	..	..	1	..	..	..	..	22	11	40	
Corps of Military Staff Clerks Section A.....	25	131	162	14	..	..	..	..	..	..	7	25	..	2	39	..	11	16	231	
Corps of Military Staff Clerks Section B.....	2	77	1	27	..	..	1	..	..	..	1	8	..	1	19	..	1	1	76	
Physical Training Instructors.....	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4	
Musketry Staff.....	6	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	1	1	
Militia Officers attached for duty.....	115	..	..	..	..	..	..	..	..	..	..	85	..	..	..	..	30	..	..	
Signalling Staff.....	1	1	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	
Officers and N.C.O's in England and Abroad.....	2	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	
Officers and N.C.O's on loan from British Army.....	8	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	8	..	10	
Totals.....	387	1959	265	283	3	7	25	5	7	143	347	21	10	145	4	199	134	2,213	2,546	

The following Officers, Non-commissioned Officers and Men of the Permanent Force are paid from other than "Permanent Force Pay" and are not included in the above statement: 2 officers and 6 N.C.O's and Men are paid from the Royal Military College and 4 N.C.O's and Men are paid from Topographical Survey. Average strength maintained during fiscal year 1918-19 was 2,493.



10 GEORGE V, A. 1920

APPENDIX C.

ANNUAL RETURN of appointments to Permanent Staff and Permanent Force, April 1, 1918, to March 31, 1919.

Permanent Staff.. . . . .	Nil.
Royal Canadian Dragoons.. . . . .	Nil.
Lord Strathcona's Horse.. . . . .	Nil.
Royal Canadian Artillery.. . . . .	Nil.
Royal Canadian Engineers.. . . . .	Nil.
Royal Canadian Regiment.. . . . .	Nil.
Canadian Permanent Army Service Corps.. . . . .	Nil.
Permanent Army Medical Corps.. . . . .	Nil.
Canadian Permanent Army Veterinary Corps.. . . . .	Nil.
Canadian Ordnance Corps.. . . . .	Nil.
Canadian Army Pay Corps—	
*Hon. Major George William Worth, 20-2-19. C.G. 12-19.	
Corps of Military Staff Clerks.. . . . .	Nil.
The Canadian School of Musketry Corps.. . . . .	Nil.
*Transferred from C. M. S. C.	

NOTE.—During the period of the war it has been the policy to make very few appointments to the Permanent Staff or Permanent Force.

ANNUAL RETURN of Appointments to the Active Militia, April 1, 1918, to March 31, 1919.

Cavalry.. . . . .	4
Artillery.. . . . .	5
Engineers.. . . . .	210
Corps of Guides.. . . . .	—
Canadian Officers Training Corps.. . . . .	10
Infantry.. . . . .	13
Canadian Army Service Corps.. . . . .	1
Army Medical Corps.. . . . .	408
Nursing Sisters A.M.C.. . . . .	250
Canadian Army Dental Corps.. . . . .	87
Canadian Army Veterinary Corps.. . . . .	55
Canadian Postal Corps.. . . . .	—
Canadian Ordnance Corps (non-permanent).. . . . .	—
Corps of School Cadet Instructors.. . . . .	2
Canadian Militia (General List).. . . . .	91
*Temporary appointments (General List).. . . . .	4,776
Reserve of officers.. . . . .	21
Reserve Militia.. . . . .	—
Total.. . . . .	5,933

\*Gentlemen appointed to commissions in the C.E.F., who did not hold commissions in the Active Militia at the time of such appointments, were granted temporary commissions in the Active Militia, which accounts for the large number of temporary appointments recorded.

WARRANTS granted during the period April 1, 1918, to March 31, 1919.

Warrants.. . . . .	9
Temporary warrants.. . . . .	Nil.
Local warrants.. . . . .	1



SESSIONAL PAPER No. 36

## APPENDIX D.

RETURN of Officers Certificates granted between April 1, 1918, and  
March 31, 1919.

Name of School and Place Obtained.	Field Officers.	Captains.	Lieu- tenants.	Qr. Mr's duties.	Partials.	Grade "B" Physical training.	Total.
R. S. of A., Halifax.....	1	1	.....	.....	.....	.....	2
" Esquimalt, .....	.....	.....	2	.....	.....	.....	2
R. S. of I., Halifax.....	.....	.....	2	.....	.....	.....	2
" Esquimalt.....	4	8	12	.....	.....	.....	24
Provl. S. of Engineers.....	.....	.....	36	.....	40	.....	76
" Infantry.....	5	3	21	.....	1	.....	30
" A.M.C.....	.....	173	.....	4	.....	.....	177
" A.S.C.....	.....	.....	5	.....	2	.....	7
School of Signalling.....	.....	.....	1	.....	.....	.....	1
Board of Ex. Equitation.....	.....	2	24	.....	.....	.....	26
Mechanical Transport.....	.....	.....	2	.....	.....	.....	2
C.S.C.I. Grade "A".....	.....	.....	22	.....	3	.....	25
C.O.T.C. Candidates.....	.....	.....	61	.....	.....	.....	61
Probationers.....	.....	.....	42	.....	.....	.....	42
Physical Training "B".....	.....	.....	.....	.....	.....	3,099	3,099
Totals.....	10	187	230	4	46	3,099	3,576

Officers total..... 3,576  
N.C.O's..... 708

Grand total..... 4,284

The reduced number of Officers certificates of qualification issued during year ended 31st March last, was due to war conditions. Only a few examinations could be arranged for.



10 GEORGE V, A. 1920

## RETURN of N.C.O's Certificates gained at Royal and Provisional Schools between April 1, 1918, and March 31, 1919.

Name of Schools.	Privates and Bombardiers.	Corporals.	Sergeants.	Staff Sergeants.	Buglers.	Equitation.	Gun Laying and Artificers.	Caretakers.	Musketry.	Signallers.	Cooks.	Total.
Royal Schools of Artillery.....	6	.....	.....	.....	7	.....	246	.....	.....	.....	.....	259
Royal Schools of Engineers.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	144
Royal Schools of Infantry.....	31	25	88	.....	.....	.....	.....	.....	.....	.....	.....	62
Prov'l Schools of Engineers.....	.....	62	.....	.....	.....	.....	.....	.....	.....	.....	.....	12
Prov'l Schools of Infantry.....	.....	.....	8	.....	4	.....	.....	.....	.....	.....	.....	10
Prov'l Schools of A.M.C. ....	.....	10	.....	.....	.....	.....	.....	.....	.....	.....	.....	1
Prov'l Schools of A.S.C. ....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	5
Schools of Musketry.....	.....	.....	.....	.....	.....	.....	.....	.....	5	.....	.....	88
Schools of Signalling.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	88	.....	127
Schools of Cookery.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	127	.....
Totals.....	37	97	97	.....	11	.....	246	.....	5	88	127	708

The reduced number of N.C.O's certificates of qualification issued during year ended 31st March last, was due to war conditions.  
Only a few examinations could be arranged for.



APPENDIX E.

ANNUAL REPORT OF THE COMMANDANT ROYAL MILITARY COLLEGE  
OF CANADA FOR THE YEAR 1919.

SPECIAL WAR COMMISSIONS AND COLLEGE STATISTICS.

During the year ending December 31st, 1918, fifty gentlemen cadets were granted commissions and eight enlisted with a view to obtaining commissions.

When the armistice was signed on November 11th last, thirty-five additional gentlemen cadets were awaiting commissions. These now form the senior class of the college.

As will be seen from a glance at the statistics below, the Royal Military College of Canada has worthily carried out its part in the Great War, and with records such as these it has carved for itself a niche in the Empire's "Hall of Fame" which will always remain as a proud tribute to the cause of justice and freedom.

R.M.C. GREAT WAR STATISTICS.

V.C.. . . . .	1
Recommended for V.C.. . . . .	3
K.C.B.. . . . .	5
C.B.. . . . .	17
K.C.S.I.. . . . .	1
C.M.G.. . . . .	51
C.B.E.. . . . .	1
O.B.E.. . . . .	10
D.S.O.. . . . .	118
D.S.O. with one Bar.. . . .	6
D.S.O. with two Bars.. . . .	2
M.C.. . . . .	125
M.C. with one Bar.. . . .	12
D.F.C.. . . . .	4
1914 Star.. . . . (approximate)	85
1914-1915 Star.. . . . (approximate)	275
A.D.C. to H.M. the King.. . . .	1
Royal Humane Society Medal.. . . .	1
Legion of Honour (France).. . . .	18
Croix de Guerre (France).. . . .	11
Ordre de Leopold (Belgium).. . . .	3
Croix de Guerre (Belgium).. . . .	8
Ordre de la Couronne (Belgium).. . . .	1
Crown of Italy (Italy).. . . .	1
St. Maurice and St. Lazarus (Italy).. . . .	1
White Eagle (Serbia).. . . .	6
St. Sava (Serbia).. . . .	1
Karageorge (Serbia).. . . .	1
St. Stanislas (Russia).. . . .	3
St. Vladimir (Russia).. . . .	1
Ste. Anne (Russia).. . . .	2
Sacred Treasure (Japan).. . . .	1
The Redeemer (Greece).. . . .	2
Gold Medal of Merit (U.S.A.).. . . .	1
Order of Lafayette (U.S.A.).. . . .	1

Mentioned in Despatches (approximate)—

Once.. . . .	128
Twice.. . . .	57
Three times . . . . .	27
Four " . . . . .	6
Five " . . . . .	6
Six " . . . . .	3
Seven " . . . . .	2

Killed in action.. . . .	112
--------------------------	-----



10 GEORGE V, A. 1920

## DISCIPLINE.

Every year it is a pleasure to report that the discipline of the college is excellent. As I have said before, I attribute this most satisfactory state of affairs to the wonderful *esprit de corps* which exists at the college and which manifests itself as much in the graduate and ex-cadet as it does in the gentleman cadet himself.

The present senior class, under B.S.M. G. D. S. Adami, have been of great assistance to me and the staff.

This class was bitterly disappointed that the armistice prevented their participation in the war, but the fact that they were ready and most anxious to go places them in the same category as their more fortunate and gallant companions.

## ATTENDANCE.

One hundred and thirty-one candidates presented themselves for the examination for admission in June last. Of this number, 96 were accepted and in addition 19 matriculants were also admitted, making a total in the recruit class of 115. This with the senior class of 41 gentlemen cadets made a total number in residence of 156—constituting, as it did, a college record.

## SUPERIOR STAFF.

The termination of the war will see many changes in the staff of the college, as the following members of the military staff are leaving at the end of the current college session:—

Major W. F. Ingpen, A/Professor of Artillery.

Major C. S. Hanson, A/Professor of Tactics.

Major H. C. Wotherspoon, A/Staff-Adjutant.

Capt. C. C. Adams, M.C., R.E., Assc. Prof. of M. E.

Captain P. L. S. Browne, M.C., Instructor in French.

I propose to bring to the notice of Militia Headquarters at a later date the excellent work of the above officers.

My own appointment as Commandant will close with the end of this session.

Captain L. D. Gammans, R.F.A., joined the staff from the front as an instructor in artillery on June 1st, 1918. He has shown himself to be an admirable instructor with a thorough knowledge of his subject.

On August 14th, 1918, Monsieur G. Vattier was taken on the strength of the college as professor of French to replace the late Professor J. M. Lanos. Monsieur Vattier has already shown himself to be a very able instructor.

I have made several recommendations to Militia Headquarters for additions to the staff for the next session, both civil and military departments, and I am led to understand they will be acted upon.

I would like to mention here the success that has been attained by two members of the staff who went overseas and whose places are being retained for them on their return:—

Lieut.-Colonel H. J. Dawson, Assc. Professor of Mathematics, has received the C.M.G., D.S.O. and Bar, and the Croix de Guerre of France and is now in command of the 46th Battalion, C.E.F.

Lieut.-Colonel W. Rhoades, the riding master of the college, commanded the 5th Battalion, C.M.R. He has shown conspicuous bravery throughout the war and has been awarded the D.S.O. and Bar, M.C., and Croix de Guerre of France.

I have again to offer my best thanks to every member of my hardworking and loyal staff. No one could have been served better than I have been, and the success the college has obtained must be shared alike by all of them. The many difficulties con-



## SESSIONAL PAPER No. 36

tinually arising; the change of the curriculum from a war to a peace footing, all brought up questions requiring tact and patience and the fact that no hitch occurred speaks volumes for the mutual feeling of comradeship amongst the staff.

## PAY OF SUPERIOR STAFF.

As many vacancies will occur at the end of the current session, and as this is the last occasion I shall be submitting a report on the college, I wish to bring forward a very urgent and much needed reform; a reform which affects the efficiency and well being of the staff and which is directly connected with the present schedule of their pay.

In an institution of this kind where part of the staff are civilians and the other part composed of military officers, it is essential that no difference should be recognized or exist between them. One and all should be divided according to the academic grades laid down and to which they are appointed, and one and all should receive exactly the same emolument for that particular grade.

At present this is far from the case and the fact that a military officer is appointed to the staff with a certain rate of pay and, in addition, is given the allowances of whatever rank in the army he holds, immediately gives him a very considerable advantage in pay over his civilian confrères of the same grade.

The result is, naturally, a feeling on the part of the civilian that the value of his work is not considered equal to that of his military confrère. Any such distinction is most unfair, detrimental to the best interests of the college, and should not be permitted to continue any longer.

It is also increasingly difficult to induce men of the right calibre to make teaching their life's occupation for the very excellent reason that they are attracted to other professions where their abilities are estimated at a higher value financially. It is obvious, therefore, that, to attract suitable men, the remuneration must be excellent, and, furthermore, applicants must see for themselves that at the end of their professional career they can look forward to a pension or gratuity in keeping with the pay they have been accustomed to draw.

In this Dominion educational institution I maintain that every inducement of the above character is most desirable and quite possible and I submit, therefore, a new scheme of proposed pay:—

Commandant—\$6,000.

Director of Studies—\$5,000.

Professor, whether civil or military—\$3,400 minimum, with an annual rise of \$100 till a maximum of \$4,000 is reached.

Associate Professor, whether civil or military—\$2,500 minimum with an annual rise of \$100 till a maximum of \$3,100 is reached.

Instructor, whether civil or military—\$1,800 minimum with an annual rise of \$100 till a maximum of \$2,400 is reached.

The Staff-Adjutant, for the purpose of the above schedule, to be graded as an Associate Professor.

Apart from the pay, the question remains of the allotment of the Government quarters available for the staff on the college grounds. These quarters are as follows:—

1. For the commandant.
2. One for each company commander.
1. For the staff-adjutant.
8. For other members of the staff.

The latter have been recently converted into officers' quarters by connecting every two of the sixteen servants' quarters. Each of the eight quarters is identically the same



10 GEORGE V, A. 1920

in every respect, and, as such, each occupant should pay the same rent regardless of his rank.

As regards rental for the above, I recommend that the following sums should be deducted from the flat rate of pay of each occupant:—

Commandant.. . . .	\$800	per annum.	
Company Commander.. . . .	500	"	
Staff-Adjutant.. . . .	400	"	
Occupants of eight quarters.. . . .	300	"	or if two
bachelors occupy one quarter each should pay \$150 per annum.			

By adopting this scheme immediately, not only will the present most unsatisfactory state of affairs be eliminated but the college will, in addition, be in a position to attract a much better class of men to fill the existing and future vacancies.

When comparisons are made of the present rates of pay of the staff, and what they would receive under the above new scheme, the difference will not be found to be so great and this will be offset by greatly increased efficiency and contentment.

PENSIONS FOR CIVIL MEMBERS OF THE SUPERIOR STAFF.

One of the most outstanding and urgent matters in connection with the college is the question of pensions for the staff. Schemes have been submitted in 1909, 1912, and again as recently as 1917, all of which are to be seen in the Board of Visitors' Report on the R.M.C. for those years. These schemes, while good in many respects, lacked apparently something to gain the approval of headquarters.

It is obvious that to obtain the best possible men for the staff, pecuniary advantage must be offered as well as something to look forward to when the time comes for retirement. In days gone by members of the staff who have had to retire and the widows of those who have died in harness have been very seriously embarrassed financially owing to the inadequacy of the present gratuity based on length of service at the college.

In a Dominion institution of this nature there seems to be no necessity that such a state of affairs should exist, and I understand that the question of pensions has been seriously taken up this year but that the scheme suggested has not been finally submitted for approval.

It is because the time is now more than ever ripe to bring the question up that I wish again to present the needs of the college in this respect.

The difficulties contained in the suggestion of placing the members of the civil staff under the Militia Pensions Act arise from the fact that when an appointment is made to our staff of the head of a department the newly selected member must have already had some years of experience in teaching, and it consequently follows that he must have reached the age of mature intellectual development. His retirement, therefore, on reaching the age limit would naturally take place in a fewer number of years, during which he would be earning the pension, than in the case of the younger members of the staff, such as instructors.

The Militia Pensions Act requires a deduction of 5 per cent from the pay of the officer, whereas our present college gratuity on retirement of practically 10 per cent of the pay of the members of the staff concerned is provided without any such deduction.

Again, this Act was designed to provide for soldiers whose term of service might begin at the age of eighteen, which is impracticable in any of the college appointments. This therefore would have to be taken into consideration if the scheme for the college is to be placed under the above Act.

In view of these points I would suggest the following concessions be provided for members of the staff:—



## SESSIONAL PAPER No. 36

1. At the time of the appointment to our staff all services in an educational institution or in a vocational capacity be credited in estimating the pension at retirement.
2. That the deductions be provided for by lapsing the present gratuity.
3. That the age for voluntary retirement be 55 or over.
4. That the widow receive one-half of the pension which the husband would have enjoyed.

The fact that practically all the universities have a pension scheme under the Carnegie foundation makes it all the more imperative that such a valuable educational institution as this college has proved itself to be, should be provided with a generous pension scheme forthwith.

It is only by having an adequate scheme of pensions to supplement the schedule of pay that the college can expect to attract suitable men.

## SUBORDINATE STAFF.

*Military.*

The work of this staff during the past year has been most satisfactory. The college is the lucky possessor of Warrant Officers and N.C.O.'s well above the average and all of whom are excellent instructors and keen on their respective duties. I have nothing but praise for:—

Sergt.-Major (W.O.) F. J. Coldham, R.E.

Sergt.-Major H. C. Clarke, C.A.P.C.

Q.M. Sergt. T. Pateman, C.A.M.C.

Q. M. Sergt. L. W. Gask, C.M.S.C.

C.S.M. (W.O.) S. J. Batt, A.G.S.

C.S.M. (W.O.) F. Spanton, D.C.M., A.G.S.

B.S.M. J. Scales, D.C.M., R.F.A.

Sergeant E. Osborne, R.C.D.

Sergeant P. Kennedy, C.A.M.C.

Sergeant A. Middleton, R.E.

Miss M. Milton and Mr. Ling, who are employed in the Paymaster's Department, have also worked to my entire satisfaction.

*Civil.*

I wish to bring to notice the work of the following members of this Staff who, by their good work, have very considerably added to the efficiency and general welfare of the college: Mr. R. Vince, engineer; Mr. H. Rodway, engineer; Mr. H. Dowler, carpenter; Mr. L. Cochrane, electrician; Mr. G. Warmington, plumber; Mrs. M. Miller, cook-housekeeper i/c messing department.

Several more of the pre-war members of the college servants have returned from the front during the past year and have been taken back in their old positions.

The example of patriotism the servants set at the commencement of the war was admirable.

## MEDICAL ARRANGEMENTS.

The medical arrangements have been, as usual, most satisfactory under the able guidance of Lt.-Colonel R. J. Gardiner.

The college has been singularly free from any serious epidemic. During the general epidemic of Spanish influenza Colonel Gardiner took the very wise precaution of having every gentleman cadet inoculated.



10 GEORGE V, A. 1920

The wisdom of such a course was apparent when towards the middle of December twenty-three gentlemen cadets contracted a mild form of common influenza. No one case developed any serious symptoms and all their temperatures after the first twenty-four hours became normal.

On September 1st, 1918, Nursing Sister G. M. Burnham, C.A.M.C., was taken on the strength of the college. She is most capable; a very hard worker, and has greatly increased the efficiency of the hospital, adding much to the comfort of the patients. The greatest credit is due to her for all she has done.

STATISTICS OF PHYSICAL DEVELOPMENT OF CADETS.  
Average Individual Increases since last Measurement.

Date of Inspection.	No. in Class.	Average Age.	Height.	Weight.	Chest.	Forearm.	Upper Arm.
2nd Class—							
May, 1918.....	76	18.4	5.75	143½	32 36	10.6	11.6
April, 1919.....	41	19	5.8	146½	33 36½	10.6	11.6
Gain, 11 months.....			½	3	1½		
3rd Class—							
August, 1918.....	115	18	5.8¾	132½	32 35.2	10	11
April, 1919.....	81	18.8	5.8¾	141½	33 36	10.2	11.2
Gain, 8 months.....				9	1¾	.2	.2

R.M.C. REGULATIONS.

With reference to paragraph 35 of the R.M.C. Regulations, I again wish to urge the importance of returning to a four years' course instead of a three years' course which was substituted in later years.

Now that a new educational building is to be erected with every modern improvement, it is all the more necessary to increase the period at the college to enable gentlemen cadets to get the full benefit of the syllabus of work laid down. The advantages are so obvious and many that the matter deserves most serious consideration.

With reference to paragraph 8, I strongly recommend that the maximum age limit should be reduced from 21 to 19 years in conformation with my suggestion above.

GOVERNMENT EMPLOYMENT OF GRADUATES.

It is encouraging to know that the very important question of the employment of the graduates of this college by the Government has been taken into consideration.

Bearing in mind the fact that this is a Dominion institution, it is evident that the country has first claim on and should reap the benefit of the ability and talent of the graduates it has trained.

A proportion of graduates could be most advantageously employed in every branch of the Public Works Department, the National Railways, Roadways, Survey (both Land and Hydrographic), and many other occupations of a similar nature.



## SESSIONAL PAPER No. 36

## UNIFORMS.

The question of suitable uniforms for the gentlemen cadets is still a very troublesome problem. Briefly stated, there appear to be only two courses:—

1. To retain the old original uniform of the college.
2. To adopt uniform of an infantry officer's pattern without badges of rank and in accordance with the existing Dress Regulations of the Army.

From sentimental reasons, practically every ex-cadet wishes to retain the old uniform and is naturally jealous of any contemplated change. War conditions and the fact that the cloth and gold lace of the original college uniform was not being made during the war period necessitated a radical change on the lines mentioned in para 2.

Peace conditions now returning brings the question up again and I would suggest that the opinion of the very large number of graduates and ex-cadets be obtained through the president of the R.M.C. club of Canada.

Whatever style of uniform is adopted, I am quite convinced that the unsatisfactory delay which has existed, to my knowledge for eight years, regarding the fitting and final delivery of uniforms to the gentlemen cadets will never be eliminated until a master tailor and his staff are employed in the college grounds. This is the only satisfactory system, and after a visit to the U.S. Academy at West Point it became all the more evident to me.

If accommodation was allotted in the college to the tailor and his staff, the heavy overhead charges would be eliminated, resulting in a saving of at least 20 per cent of the present cost.

As this is greatly in the interests of the parents it deserves most serious consideration.

## RIDING AND RIDING ESTABLISHMENT.

Under the able guidance of Major W. F. Ingpen, the riding of the gentlemen cadets improves each year.

In a very short time and with the increased number of gentlemen cadets, it will soon become necessary to add to the establishment of horses and build new and additional stables on the plans originally made out for such an emergency.

The new riding school, put up a few years ago, has been a potent factor in the general and marked improvement in this very important and popular branch of training.

I consider the time is now opportune to take up the matter of the personnel of the riding establishment at the college.

This personnel is furnished by the Royal Canadian Dragoons at Toronto and the present system in force has been found to be irksome and unpopular with the men.

A specially smart and efficient establishment is manifestly essential to the college, furnishing, as it should, a good first impression to the gentleman cadet on his introduction to a military environment.

The present establishment of 20 N.C.O.'s and men, composed as follows: 1 sergt., 1 corpl., 1 l/cpl., and 17 privates, is not sufficient to carry out all the duties efficiently, and I recommend that an additional five men be added to the seventeen so that no man will have to look after more than two horses, saddles, etc.

To prevent monotony, I recommend the personnel should be relieved in toto every six months with the exception of the cook, shoeing smith and college carter, and possibly the sergeant.

The work of the men is solely that of grooms and they, very naturally, miss the environment of their regiment with its canteen and institutes and the many attractions of a large city like Toronto.



10 GEORGE V, A. 1920

The college has been most fortunate in having had placed at its disposal every facility to change and improve the horses, but, unfortunately, horses of the required stamp, namely, a light cavalry charger or a cob of about 15 hands, are exceedingly limited.

The officer i/c the establishment recommends that the horses be changed from time to time as incessant riding school work produces a living automaton which is not in the best interests of the rider or horse.

The schooling of new remounts would add to the interest and value of the course of instruction in riding.

#### NEW BUILDINGS.

It is with the very greatest pleasure I am able to announce that the contract for the new educational building has been let and one half of the building is to be completed by the fall of 1920.

With this building the college can take a new lease of life and carry out in a very much more thorough and practical manner the syllabus of its three if not four years' course.

I again wish to bring to notice the necessity of having a fixed plan for future building operations at the college. Now that the educational building is being erected it will be necessary to continue further additions until the college is finally completed. The sites of future new buildings should be decided upon now, and the help of a landscape gardener be obtained to lay out roads, paths, and flower beds in keeping with this scheme.

The college has suffered in the past from a landscape point of view by having had no fixed scheme such as I suggest above.

Through the kindness of Sir J. Flavelle, and the Imperial Munitions Board, who presented two aviation hangars to the college, and the generosity of Sir Herbert Holt who defrayed the cost of re-erecting them, the college is now in possession of a very fine and much needed covered skating rink.

Special thanks are also due to Lt.-Colonel Wanklyn and also to the presidents of the Canadian National and Grand Trunk Railways for transport facilities from Deseronto to Kingston.

The scheme for the conversion of the block of quarters at present allotted for servants, and their re-appropriation for members of the civil and military staff will take place this fall.

This change will add greatly to the efficiency of the college.

#### MESSING.

The messing under Mrs. Miller, the housekeeper, is very satisfactory.

The daily rate of messing allowance for each cadet is 65 cents.

#### R.M.C. COAT OF ARMS AND CREST.

Recently there has been correspondence on the subject of the Coat of Arms and Crest now used by the college. Apart from the motto of "Truth, Duty, Valour," which was authorized in 1877 on the recommendation of Colonel E. O. Hewitt, C.M.G., R.E., the first Commandant, there does not appear to be any authority for either the Coat of Arms or Crest.

It is very advisable that the present Coat of Arms and Crest receive official approval.



SESSIONAL PAPER No. 36

## R.M.C. ACT.

The R.M.C. Act, contained in Chapter 43, Volume I, of the Statutes of Canada, 1906, is very badly in need of revision and I have brought the matter to the notice of Militia Headquarters.

## VISITORS.

On behalf of myself and the entire college, I venture to express the deep sense of gratitude we all feel towards the Right Honourable Lord Shaughnessy, President of the College Board of Visitors for the last two years, for the very great interest he took in all matters pertaining to the college and his never failing advice and help on all occasions. The college has no warmer friend.

On December 8, 1918, the Honourable the Minister of Militia and Defence, the Chief of the General Staff, and several other officials from headquarters honoured the college by their presence at a memorial service held at St. George's Cathedral, Kingston, in memory of 142 graduates and ex-cadets who fell in the war.

On the 15th February last, the Honourable Mr. Carvell, Minister of Public Works, paid the college a visit.

Many graduates and ex-cadets have come down and visited the college, and the fact that the majority of them have been decorated in the war is a great incentive to the present generation of gentlemen cadets.

It is very regrettable that on account of the inaccessibility of Kingston, the many distinguished visitors who come to Canada are unable to pay the college a visit. Such visits would be of inestimable value to the college and would, too, be of the greatest interest to the many officers of foreign nations.

C. N. PERREAU, *Brigadier-General,*  
*General Staff,*  
*Commandant Royal Military College of Canada.*

Kingston, May 1, 1919.

---

ROYAL MILITARY COLLEGE—REPORT OF THE BOARD OF VISITORS,  
 1919.

The Board assembled at the Royal Military College on Monday, May 19, 1919.

*Chairman*—Hon. Colonel Sir R. A. Falconer, K.C.M.G., M.A., LL.D., D. Litt.

*Members*—Colonel A. Z. Palmer, C.M.G., Ottawa.

Lt.-Col. G. R. Hooper, Montreal.

Lt.-Colonel W. B. Kingsmill, D.S.O., Toronto.

Lt.-Colonel F. L. Wanklyn, Montreal.

Hon. Lt.-Col. The Rev. Monsignor Dauth, Montreal.

Hector McInnes, Esq., K.C., M.L.A., Halifax.

C. A. Magrath, Esq., Ottawa.

Colonel J. S. Brown, C. M. G., D.S.O., (for Chief of the General Staff).

*Secretary*—Major Wm. Baty, D.A.A.G. Militia Headquarters.

The following member was unavoidably absent:—

Sir Augustus Nanton, Kt., Winnipeg.

The Board assembled at the college at 9.30 a.m., on the date mentioned and were met by the Commandant and members of the staff.



10 GEORGE V, A. 1920

The Board then proceeded to the committee room for a preliminary conference, and Hon. Colonel Sir R. A. Falconer, K.C.M.G., was elected chairman.

The gentlemen cadets were drawn up on the square and were inspected by the Board. After the inspection the cadets marched past, the chairman, Hon. Colonel Sir R. A. Falconer, K.C.M.G., taking the salute.

The Board then reassembled and the following agenda was discussed:—

#### 1. PAY OF SUPERIOR STAFF.

In view of the great importance of this college upon the future of the militia of the Dominion of Canada it is important that the position of the Commandant should be such as to attract the best ability that can be found, therefore, the position should be equal in pay at least to that of any General Officer Commanding in the Dominion of Canada.

This Board therefore recommend that in the meantime the salary of the Commandant shall be \$6,000 a year, in addition to house, light and heat, and that in the event of the salary of any G.O.C. being increased beyond \$6,000 a year, the salary of the Commandant of the Royal Military College be increased in like proportion. (It is essential that the Commandant live on the college grounds.)

That the pay of the Director of Studies shall be \$5,000 a year.

The Board consider that the position of Professor and Associate Professor should be associated in rank and pay somewhat with the rank of Lieut.-Colonel and Major respectively, therefore, we recommend that,—

The pay of the Professor shall be \$3,600 as a minimum, with an annual rise of \$150 until a maximum of \$4,200 is reached, and that,—

The pay of the Associate Professor shall be \$2,800 as a minimum, with an annual rise of \$150 until a maximum of \$3,400 is reached.

That the pay of an Instructor shall be \$1,800 as a minimum, with an annual rise of \$150 until a maximum of \$2,400 is reached.

That the pay of the Staff Adjutant shall be \$3,000 a year plus house, fuel and light, it being essential that he live on the college grounds.

(It is considered inadvisable to raise the question of grade of this appointment as the man selected must have exceptional qualities.)

Apart from the pay, the question remains of the allotment of Government quarters for the staff, the Board recommend that other than the Commandant and the Staff Adjutant, members of the staff who occupy government-owned houses should pay such reasonable rental as the authorities may determine.

#### 2. PENSIONS FOR CIVIL MEMBERS OF THE SUPERIOR STAFF.

##### *Scale for New Appointments.*

In connection with the new basis of salaries, it is recommended that a new pension scheme be established along the lines of the recently revised regulations of the Carnegie Foundation for the Advancement of Teaching, with the following conditions:—

a. That on appointment each member of the civil staff be required to contribute 5 per cent annually of his salary.

b. That a member of the staff after 20 years' service and at 60 years of age shall be permitted to retire with an annuity amounting to 60 per cent of his maximum salary.

c. That in case of disability an allowance be paid similar to that under the Carnegie Regulations.

d. That widows and children of the civil staff receive benefit as under the Carnegie Scheme.

e. That in case of voluntary retirement before the age of 60 years, the money contributed shall be returned with interest.



## SESSIONAL PAPER No. 36

*Civil Members now on Staff.*

With reference to those who are now on the staff it is recommended that each individual case be separately considered and dealt with generously on the former basis of the Carnegie Fund and along lines similar to those now in force in the universities that enjoy the above benefits.

## 3. RIDING AND RIDING ESTABLISHMENT.

The Board recommend that the riding establishment, as submitted by the Commandant in his report, be adopted.

## 4. R.M.C. REGULATIONS.

That the age of admission to the Royal Military College shall not be less than 16 years or more than 19 years on the date of joining the college.

That in order to maintain the standards of Military Science and the subsidiary standards for engineering education, which have been in existence since the foundation of this college, it is deemed necessary by this Board of Visitors, that the original four years' course be re-established. It is, however, to be clearly understood that it is not the purpose of this college to compete with the faculties of applied science of the universities of Canada, in the granting of degrees.

## 5. UNIFORMS.

Regarding the question of uniforms, the Board recommend that a sub-committee of the Ex-Cadets' Club should be appointed and report upon the matter to the Commandant.

The Board concurs in the recommendation of the Commandant that a master tailor and staff be employed on the grounds.

## 6. R.M.C. ACT.

The Board recommend that the R.M.C. Act be revised and brought up to date.

## 7. R.M.C. COAT OF ARMS AND CREST.

The Board Concur in the Commandant's recommendation that the R.M.C. Crest and Coat of Arms should receive official approval and be designated in the archives in proper heraldic nomenclature.

## 8. ARTILLERY GRANT.

The Board recommend that the existing artillery grant be increased to \$300 per annum in order to obtain the maximum efficiency in that branch of the cadets' training.

## 9. QUESTION OF A GRANT TO THE LIBRARY FOR THE PURCHASE OF BOOKS.

The Board in the course of its duties inspected the library and desires to place on record a recommendation in reference to increasing the usefulness of the library. The Board strongly urge upon the authorities the necessity of making a substantial grant of at least \$1,500 to be placed at the disposal of the Commandant and the Library Committee for the purchase of standard books and periodicals for the library. It is essential in the opinion of the Board that the staff, the officers of the militia taking courses of instruction and training, and the gentlemen cadets should have the best library facilities. To emphasize the necessity of a substantial grant, the Board desire to mention the fact that the College Recreation Fund has been drawn upon in part for the purchase of new books and periodicals for the College Library.

The Board suggests that the following members of the Board of Visitors—Mr. Magrath, Colonel Brown, Colonel Palmer and Major Baty—all residents of Ottawa, should be appointed as a committee to consider whether it is possible for them to secure from the Parliamentary Library, the transfer of books and periodicals for the use of the R.M.C. and to discuss with the authorities, other means for improvement in connection with the development of the library.



10 GEORGE V, A. 1920

## 10. GENERAL PURPOSE FUND.

The Commandant brought to the attention of the Board the great necessity of a government grant of \$500 per annum for general purposes. The absence of such a grant necessitated a certain amount of money being appropriated from the Recreation Fund to install in the college, war records, memorials and other incidental items.

The Board recommend that the government set aside \$500 for a General Purpose Fund, for payment of incidental expenses, on the authority of the Commandant.

## 11. TENNIS COURTS AND R.M.C. RINK.

The elimination of the college tennis courts to secure a location for the new educational building necessitates the construction of fresh courts immediately. To meet the cost of these new courts the Board recommend that estimate No H-6, of 1919-20 R.M.C. engineer services, be increased to secure the necessary material. The gentlemen cadets can construct the courts if the material is supplied.

The Board also recommend that estimate number H-17, of the same engineer services, be increased sufficiently to enable the necessary electric wiring of the new covered skating rink to be installed. Both of the above items are very urgent.

## 12. MEMORIAL FOR EX-CADETS WHO HAVE FALLEN IN THE WAR, 1914-1919.

This Board strongly recommend that the government should support the movement which has been inaugurated by the Ex-Cadets' Club to raise a memorial to be dedicated to the memory of the Ex-Cadets who have fallen in the Great War, 1914-1919.

## GENERAL REMARKS.

## TRAINING—MILITARY AND PHYSICAL.

*Infantry Drill and Rifle Exercises.*—The Board viewed with satisfaction the performance of infantry drill and rifle exercises by the gentlemen cadets. All movements were carried out in a smart and soldierly manner; saluting with the sword could be improved. It was noticed that the gentlemen cadets were armed with Ross rifles. As the arm of the Permanent Force is now the S.M.L.E., Colonel Brown, Director of Organization (representing the C.G.S.), was requested to take up the matter of supply of the S.M.L.E. rifles to the college.

*Equitation.*—The exhibition of riding by gentlemen cadets showed evidence of careful instruction in horsemanship. The horses do not seem to be of the most suitable type for riding school work, either in intelligence or physique. It is recommended that the horses supplied to the college for this purpose should be more of cavalry type, and that the horses should be exchanged with the P. F. Units at intervals in order to prevent automatism which is likely to occur in the routine of the riding school.

*Gunnery.*—The gun drill was carried out very smartly. The gentlemen cadets manhandling the guns. In action, fire control was very good, blank ammunition being fired. A cavalry charge on the guns was very well executed.

*Physical training.*—In both floor and apparatus work in the gymnasium, the gentlemen cadets showed to good advantage and deserve favourable comment; the physical condition of the gentlemen cadets gives evidence of the benefit being derived from physical training. Owing to the pressure of time no opportunity was afforded for the observation of Military Topography and Engineering.

## MESSING AND QUARTERS.

The Commandant expressed himself as being well satisfied with the present arrangement for messing and reports that the cost per diem for gentlemen cadets is 65 cents.



## SESSIONAL PAPER No. 36

## STAFF.

The Commandant expressed to the Board his appreciation of the co-operation afforded him by the college staff. The Board, having had an opportunity of seeing the work which was done during the past year, entirely agrees with the Commandant's commendation of his Staff; also the Board wish to place on record their opinion that the public of the Dominion of Canada are under a deep debt of gratitude to Brigadier General Perreau; General Perreau, who is an officer of the Regular Army of Great Britain, was retained in Canada much against his own desire by the Canadian Government. He has thus missed service in the greatest war of history and feels this very keenly. A soldier of his ability would undoubtedly have gained honour and distinction, had he had an opportunity to serve at the front.

All of which is respectfully submitted.

R. A. FALCONER, Hon. Col.,  
*Chairman;*

A. Z. PALMER, Col.,  
G. R. HOOPER, Lt.-Col.,  
W. B. KINGSMILL, Lt.-Col.,  
F. L. WANKLYN, Lt.-Col.,  
GASPARD DAUTH, Hon. Lt.-Col.  
HECTOR McINNES,  
C. A. MAGRATH,  
J. S. BROWN, Col.,

*Members.*



10 GEORGE V, A. 1920

APPENDIX F.

REPORT OF THE SUPERINTENDENT, DOMINION ARSENALS, QUEBEC,  
FOR THE YEAR ENDING MARCH 31, 1919.

The Superintendent, Dominion Arsenals, Quebec, P.Q., reports as follows:—

Contracts were entered into with the United States Government for the manufacture of special natures of S.A.A. at the Dominion Arsenals at Quebec and Lindsay as follows:—

(1) Sixty-five million rounds of .30 Calibre Armour Piercing Ammunition; the United States Government supplying the steel cores.

(2) Three million rounds of .30 Calibre Service Ammunition; the United States Government supplying the bullets.

(3) Six million rounds .30 Calibre Blank.

On this order, the Dominion Arsenal, Quebec, completed 9,678,134 rounds Armour Piercing; of the Service, Dominion Arsenal, Quebec, completed 1,445,705; of the Blank, Dominion Arsenal, Quebec, completed 80,000.

The signing of the Armistice cancelled all contracts but the Armour Piercing, which was reduced to a total of 10,000,000 rounds.

EMPLOYEES.

The average number of employees throughout the year was 687.

FINANCIAL STATEMENTS.

- 1. Appropriation and Expenditure.
- 2. Details of Net Expenditure.
- 3. Assets and Liabilities.
- 4. Capital Account.
- 5. Indirect Expenditure.
- 6. Production Statement.

WAR APPROPRIATION AND EXPENDITURE ACCOUNT, 1918-19.

Credits.. . . .		\$1,108,985 37
Net expenditure.. . . .	\$1,088,749 10	
Allowances paid to employees (chargeable against Vote No. 419).. . . .	3,127 26	
Balance in bank deposited to the credit of the Receiver General on March 31, 1919.. . .	17,106 89	
Cash balance deposited to the credit of the Receiver General on March 31, 1919.. . .	2 12	
		<u>\$1,108,985 37</u>

DETAILS OF NET EXPENDITURE, 1918-19.

Wages.. . . .	\$ 489,738 63
" (for special service of plain clothes men).. . . .	5,565 21
Salaries.. . . .	23,835 65
Material.. . . .	462,029 22
Travelling expenses.. . . .	2,582 54
Freight.. . . .	2,362 87
Equipment (shafting, hangers, etc.).. . . .	2,269 67
Printing and stationery.. . . .	2,440 93
Electricity and gas.. . . .	13,165 01
Cartage and cab.. . . .	1,324 22
Belting.. . . .	955 91
Machinery, new.. . . .	64,863 69



## SESSIONAL PAPER No. 36

Details of Net Expenditure, 1918-19—*Concluded.*

Telegrams, telephone and postage.. . . . . .	1,015 45
Miscellaneous.. . . . . .	1,133 19
Medicines.. . . . . .	393 82
Office furniture.. . . . . .	397 55
Water supply.. . . . . .	1,800 00
Customs dues.. . . . . .	469 66
War bonuses.. . . . . .	2,405 89
	<hr/>
	\$1,088,749 10

## STATEMENT OF ASSETS AND LIABILITIES, MARCH 31, 1919.

	Liabilities.	Assets.
Real estate (factory, stores and office buildings).. . . . . .	.....	\$ 219,809 49
Belting.. . . . . .	.....	2,322 54
Department of Militia and Defence (amount to credit of)—		
Generally.. . . . . .	\$1,076,452 39	
U.S. ammunition.. . . . . .	670,783 71	
Equipment, general (shafting, hangers, pulleys, etc.).. . . . . .	.....	23,839 07
Machinery.. . . . . .	.....	201,368 98
Office furniture, fixtures, etc.. . . . . .	.....	1,809 58
Material.. . . . . .	.....	(a) 295,774 55
Tools, loose.. . . . . .	.....	323 48
Accounts payable.. . . . . .	18,633 80	
Accounts receivable.. . . . . .	.....	42,477 59
U.S. ammunition, delivered, completed but still on hand, and in course of manufacture.. . . . . .	.....	670,783 71
Semi-manufactures (work in course of completion) apart from work on U.S. ammunition.. . . . . .	.....	(b) 307,360 91
	<hr/>	<hr/>
	\$1,765,869 90	\$1,765,869 90

(a) \$75,353.67 will be credited to this item in 1919-20 and debited to the Department of Militia and Defence owing to decrease in value of raw material.

(b) \$42,062.21 will be credited to this item in 1919-20 and debited to the Department of Militia and Defence owing to decrease in value of material.







## SESSIONAL PAPER No. 36

## STATEMENT OF INDIRECT EXPENDITURE, 1918-19.

EXPENDITURE ON THE FOLLOWING SERVICES, NOT CHARGEABLE TO ANY SPECIAL WORK.

Salaries.. . . . .		\$ 32,221 07
Wages.. . . . .		34,194 83
Wages "Special Service" (of plain clothes men).. . . . .		5,565 21
Material.. . . . .		7,667 44
Electricity and gas.. . . . .		298 67
Travelling expenses.. . . . .		1,217 99
Cartage and cabs.. . . . .		1,099 80
Printing and stationery.. . . . .		2,104 18
Telegrams, telephone and postage.. . . . .		511 96
Miscellaneous.. . . . .		389 55
Medicines.. . . . .		393 82
Customs dues.. . . . .		11 19
Freight.. . . . .		505 40
Water supply.. . . . .		52 00
Repairs to heating system and electric light wires—		
Wages.. . . . .	\$ 2,332 17	
Material.. . . . .	379 61	
		2,711 78
From Capital Account—		
3 per cent depreciation on buildings.. . . . .	\$ 6,113 76	
10 " " " machinery.. . . . .	18,188 64	
20 " " " tools.. . . . .	72 22	
30 " " " equipment.. . . . .	7,109 64	
50 " " " belting.. . . . .	1,182 28	
5 " " " office fixtures.. . . . .	76 13	
		32,742 67
		\$121,687 56
Less amount taken in relief of indirect expenditure.. . . . .		1,114 80
		\$120,572 76

NOTE.—This amount, together with indirect expenditure of each factory, has been distributed as a general percentage on direct labour, as shown below:—

Workshop.. . . . .	46.1 per cent.
Cartridge factory.. . . . .	33.6 " "
Rolling mill.. . . . .	42.8 " "
Shell factory.. . . . .	106.1 " "
Carpenter's shop.. . . . .	31.5 " "
Tool room.. . . . .	64.2 " "
Laboratory.. . . . .	47.4 " "
Examining room.. . . . .	26.5 " "
18-pr. plant.. . . . .	58.8 " "
Gauge room.. . . . .	40.3 " "



PRODUCTION STATEMENT, 1918-1919.  
ABSTRACT OF WORK PERFORMED.

Description.	Quantity.	Rate.	Per.	Amount.
				\$ cts.
Boxes, Ammunition Q.F. 18-pr., Mark IIIa (without tin lining).....	4,674	4.82	Each.	22,528 68
Boxes, Ammunition, S.A., 1,000 rds., .303" in chargers, No. 1.....	5,962	2.50	"	14,905 00
Boxes Ammunition, S.A., 1,000 rds., .303" in chargers—Tin lids only.....	700	.05	"	35 00
Bottles, Oil, Mark IV.....	25,922	.2525295	"	6,546 07
Cartridges, S.A., Ball., .303-inch, cordite, Mark VII..	2,418,707	39.055001	1000	94,462 61
Cartridges, S.A., Blank, .303-inch.....	471,062	23.4546827	"	11,048 61
Cartridges, Q.F., 18-pr., shrapnel, Mark I, plugged, cordite.....	2,461	11.0386473	Each.	27,166 11
Cartridges, Q.F., 18-pr., shrapnel, Mark I, plugged, cordite (a).....	1,727	7.7571433	"	13,396 58
Cartridges, Q.F., 18-pr., shrapnel, Mark I, plugged, cordite (b).....	13,361	8.9165673	"	119,134 26
Cartridges, Q.F., 18-pr., shrapnel, Mark I, plugged, cordite (c).....	1,047	7.7941473	"	8,160 47
Cartridges, Q.F., 18-pr., shrapnel, Mark I—Cases only.	382	3.7695	"	1,439 95
Cartridges, S.A., Ball., .303-inch, Mark VII—Cases capped only for Stokes Mortar (experiments), U.S. Govt. enquiry.....	275	18.902841	1000	5 19
Cartridges, Q.F., 3-pr., cordite, M.D. practise, Mark XII (d).....	2,400	4.0975	Each.	9,834 00
Cartridges, Q.F., 4.5"-inch Howitzer, filled, 15-oz., 14-dr., cordite M.D. (e).....	200	7.211285	"	1,442 26
Cartridges, Q.F., 4.5-inch Howitzer—Cores only.....	10	2.7641	"	27 64
Cartridges, Dummy, 18-pr., plugged, special.....	100	3.3626	"	336 26
Clips, cartridges, Q.F., 18-pr.....	16,948	.216092	"	3,662 33
Experimental work: Chief Inspector of Arms and Ammunition.....				29 44
Miscellaneous services for: Chief Inspector of Arms and Ammunition.....				396 58
Miscellaneous services for: Dominion Arsenal, Lindsay Imp, Ministry of Munitions.....				29,831 48
Ordnance, Q.F., 18-pr., Dummy, with six cases and wooden shells.....	1			2,185 44
Primers, percussion, Q.F. cartridge, No. 1, Mark V, filled.....	11,945	.93328	Each.	1,015 66
Reservoirs, compressed air—(Re-annealing only).....	3	28.513	"	11,151 00
Repairs:—Boxes, Ammunition, S.A., Mark XV.....	229	1.752	"	85 54
Boxes, Ammunition, Q.F., 3-pr.....	150	2.535	"	401 20
Clips, Cartridge, Q.F., 18-pr.....	1,748	1.897025	100	380 25
Clips, Cartridge, Q.F., 3-pr.....	2,400	.3633	"	33 16
Cases, Cartridge, Q.F., 12-pr.....	20	1.84	Each.	8 72
Shells, Q.F., shrapnel, 18-pr., Mark XII, filled.....	2	5.7347657	"	36 80
Stencils, ½-inch letters, glazeboard.....	13	.34384	"	11 47
Cartridges, .30", U.S., A.P.....	8,825,029			4 47
" .30", " " (in course of manufacture..	853,105			
" .30", " Blank.....	80,000			
" .30", Service.....	1,445,705			
				670,783 71
				1,050,485 94

(a) Repaired cases used in this instance.  
(b) " " "  
(c) " " "  
(d) " " "  
(e) Components furnished by the Imperial Munition Board.



SESSIONAL PAPER No. 36

## APPENDIX G.

REPORT OF THE SUPERINTENDENT, DOMINION ARSENAL, LINDSAY,  
FOR THE YEAR ENDING MARCH 31, 1919.

The Superintendent, Dominion Arsenal, Lindsay, Ont.; reports as follows:—

## EMPLOYEES.

The average number of employees throughout the year was: Male, 248; Female, 247.

## FINANCIAL STATEMENTS.

1. Appropriation Account.
2. Details of Expenditure.
3. Assets and Liabilities.
4. Capital Account.
5. Production Statement.

## APPROPRIATION AND EXPENDITURE ACCOUNT, 1918-19.

*Credits—*

Letters of credit, Lindsay.. . . . .	\$810,000 00	
Less balance lapsed.. . . . .	46,443 37	
		\$ 763,556 63
Direct payments from Ottawa.. . . . .		183,646 37
Payments by High Commissioner.. . . . .		6,943 07
Accounts payable outstanding March 31, 1919.. . . . .		9,913 48
Material exchanged with Dominion Arsenal, Quebec.. . . . .		32,219 48
Receipts from sales.. . . . .		28,948 47
		<u>\$1,025,227 50</u>

*Expenditures—*

Disbursements, 1918-19.. . . . .	\$ 919,155 12
Accounts included in distribution, 1917-18.. . . . .	75,194 46
Refunds to Receiver General.. . . . .	30,877 92
	<u>\$1,025,227 50</u>

## DETAILS OF EXPENDITURE, 1918-19.

Salaries and wages.. . . . .	\$370,918 15
Travelling expenses, freight and transport.. . . . .	18,514 02
Equipment and tools.. . . . .	12,529 73
Office supplies, telephones, telegraph and postage.. . . . .	2,326 40
Power and light.. . . . .	16,608 76
Belting.. . . . .	505 54
Machinery and castings.. . . . .	13,168 49
Water supply.. . . . .	7,570 81
Copper, lead, antimony, tin plate and glazeboard.. . . . .	261,832 88
Cordite and powder.. . . . .	41,249 99
Boxes.. . . . .	23,286 40
Fuel.. . . . .	59,091 13
Steel.. . . . .	19,933 44
Oils, paints, waste, emery wheels, hardware, etc.. . . . .	11,663 92
Lumber.. . . . .	1,938 81
Bonus, allowance and gratuity.. . . . .	3,858 92
Factory supplies.. . . . .	1,613 34
Assets, gas and chemical supplies.. . . . .	3,394 78
Crucibles.. . . . .	6,545 00
Firebricks and clays.. . . . .	3,618 49
Components from Quebec.. . . . .	8,263 48
Miscellaneous.. . . . .	1,862 89
Construction account.. . . . .	28,859 75
	<u>\$919,155 12</u>



10 GEORGE V, A. 1920

STATEMENT OF ASSETS AND LIABILITIES, MARCH 31, 1919.

	Liabilities.	Assets.
Land.. . . . .	.....	\$ 39,943 97
Buildings.. . . . .	.....	780,624 64
Machinery.. . . . .	.....	483,157 60
Equipment (including office equipment).. . .	.....	77,437 03
Shafting and pulleys.. . . . .	.....	30,810 10
Belting.. . . . .	.....	563 89
Siding (railway).. . . . .	.....	6,714 05
Track scales.. . . . .	.....	4,284 11
Chemical apparatus.. . . . .	.....	1,447 78
Gas apparatus.. . . . .	.....	40,477 77
Heating apparatus.. . . . .	.....	15,809 32
Roads, etc.. . . . .	.....	4,276 60
Fences.. . . . .	.....	5,005 17
Sewers.. . . . .	.....	30,207 09
Traverses and drainage at magazines.. . .	.....	5,112 30
Ammunition and tools in process.. . . .	.....	203,708 13
Materials in store.. . . . .	.....	277,849 89
Accounts payable.. . . . .	\$ 9,913 48	
Accounts receivable.. . . . .	.....	349,348 08
Suspense account.. . . . .	157 89	
Surplus to Credit of Militia and Defence.. .	2,346,706 06	
	<hr/>	<hr/>
	\$2,356,777 43	\$2,356,777 43



CAPITAL ACCOUNT, 1918-19—BUILDINGS, MACHINERY, ETC.

Adjustment, Net Capital 1st April, 1918.		By indirect Expenditure Account:— For depreciation on 1918-19 on—	
\$	cts.	\$	cts.
To Balance Account:— For net Capital on 1st April, 1918—			
Land.....	39,943 97	Land.....	16,704 17
Buildings.....	780,639 51	Buildings.....	56,124 07
Machinery.....	131 24	Machinery.....	11,255 88
Equipment.....	1,106 84	Transfer of machinery to Quebec. Credit <i>re</i> overcharge, W.C.K.....	130 00
Shafting and pulleys.....		Equipment.....	14,345 04
Belting.....	7,889 09	Shafting and pulleys.....	1,711 65
Railway siding.....	6,714 05	Belting.....	8,069 06
Track scales.....	4,437 29	Railway siding.....	
Chemical apparatus.....	1,929 24	Track scales.....	153 18
Gas apparatus.....	40,009 31	Chemical apparatus.....	482 31
Heating.....	14,415 05	Gas apparatus.....	2,081 63
Roads.....	3,352 78	Heating.....	497 67
Fences and sidewalks.....	4,385 91	Roads.....	299 82
Sewers.....	27,473 40	Fences and sidewalks.....	545 56
Traverses and drainage at ma- gazines.....		Sewers.....	645 15
	1,238 08	Traverses and drainage at magazines.....	269 07
	1,579,038 73		113,314 26
To Accrue ment in 1918-19—		By Balance Account— For net Capital on 31st March, 1919—	
On Land.....		Land.....	39,943 97
" Buildings.....	16,689 30	Buildings.....	780,624 64
" Machinery.....	13,672 31	Machinery.....	483,157 60
" Equipment.....	13,449 93	Equipment.....	77,437 03
" Shafting and pulleys.....	743 86	Shafting and pulleys.....	30,810 10
" Belting.....		Belting.....	563 89
" Railway siding.....		Railway siding.....	6,714 05
" Track scales.....		Track scales.....	4,284 11
" Chemical apparatus.....	85	Chemical apparatus.....	1,447 78
" Gas apparatus.....	2,550 09	Gas apparatus.....	40,477 77
" Heating.....	1,891 94	Heating.....	15,809 32
" Roads.....	1,223 64	Roads.....	4,276 60
" Fences and sidewalks.....	1,164 82	Fences and sidewalks.....	5,005 17
" Sewers.....	3,378 84	Sewers.....	30,207 09
" Traverses and drainage and magazines.....	5,381 37	Traverses and drainage at magazines.....	5,112 30
	60,146 95		1,525,871 42
			1,639,185 68



10 GEORGE V, A. 1920

## PRODUCTION REPORT.

Copper ingot cast.. . . . .	29,258
" strip accepted.. . . . .	13,077
Brass ingot cast.. . . . .	864,712
" strip accepted.. . . . .	793,014
Nickel ingot cast.. . . . .	179,575
" strip accepted.. . . . .	148,475
Cases cartridge .303" Ball Mk. VII, empty.. . . . .	8,951,342
Bullets .303" S.A. Mk. VII.. . . . .	9,223,177
Caps empty.. . . . .	8,087,734
Caps filled.. . . . .	10,025,997
Completed cartridges .303" S.A. Ball Mk. VII.. . . . .	9,287,945
Cases .303" necked for French Government.. . . . .	204,187
.30 Cal. U.S. Service, completed.. . . . .	230,399
.30 Cal. U.S. Armor Piercing, completed.. . . . .	666,526
Boxes in chargers No. 1, repairing only.. . . . .	872

## COST OF PRODUCTION.

Manufacturing charges.. . . . .	\$ 811,067 32
Inventory of material on hand and work in progress.. . . . .	481,557 93
Charges against C.I. of A. & A.. . . . .	6,195 14
Charges against Dominion Arsenal, Quebec.. . . . .	20,383 21
Gratuities.. . . . .	46 14
	<hr/>
	\$1,319,249 74







